July 2009



DEPARTMENT OF EDUCATION

2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron

Commissioner of Education

Susan A. Lendron



School Report Grade 7

Test Date: March 2009

Code: 11251333

SAU: Otis School Department

School: Beech Hill School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2009 7

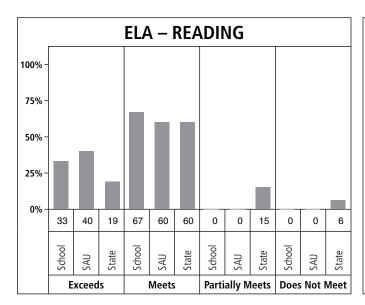
Grade:

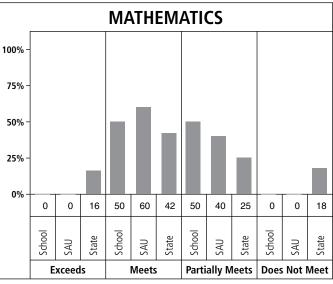
SAU: **Otis School Department**

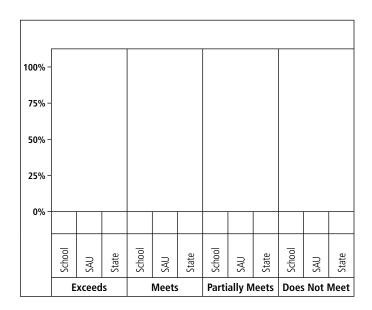
Beech Hill School School:

Summary of School, SAU, and State Scores

Year	Avera	age Scaled :	Score
reai	School	SAU	State
ELA – Reading 2006–2007 2007–2008 2008–2009 Cum. Avg.*	749 755 759 753	751 762	748 750 751 750
Mathematics 2006–2007 2007–2008 2008–2009 Cum. Avg.*	747 756 747 750	750 748	742 743 745 743







^{*}Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.



SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009

Grade: 7

Otis School Department Beech Hill School SAU:

School:

		Ε	nroll	mer	nt¹						C	TNC	EN.	ΓΑΕ	REA	PA	RTIC)PA	TIO	N ²				,
CATEGORY OF		durii	ng testi	ng wi	ndow				ELA-F	Reading					Mathe	matics								
PARTICIPATION	Scl	nool	SA	NU	St	ate	Sc	nool	s	AU	Sta	ate	Scl	hool	s	AU	Sta	ate	Sci	nool	S	AU	St	ate
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	7	100	5	100	14446	100	6	86	5	100	14316	99	6	86	5	100	14322	99						
Ethnicity African American/Black	0	0	0	0	432	3	0	0	0	0	416	97	0	0	0	0	421	98						
American Indian or Native Alaskan	0	0	0	0	124	1	0	0	0	0	121	98	0	0	0	0	122	99						
Asian or Pacific Islander	0	0	0	0	260	2	0	0	0	0	255	98	0	0	0	0	259	100						
Hispanic	0	0	0	0	147	1	0	0	0	0	144	99	0	0	0	0	144	99						
Caucasian/White	7	100	5	100	13483	93	6	86	5	100	13380	99	6	86	5	100	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	0	0	0	0	2428	17	0	0	0	0	2391	99	0	0	0	0	2391	99						
Current LEP	0	0	0	0	334	2	0	0	0	0	318	95	0	0	0	0	328	98						
Economically disadvantaged	4	57	2	40	5498	38	3	75	2	100	5431	99	3	75	2	100	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF			EL	A-Reading	J				Mathe	matics								
	5	chool		SAU	5	itate	Sc	hool	S	AU	St	ate	Schoo	ol	Si	AU	St	ate
PARTICIPATION ³	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	6	86	5	100	11742	81	6	86	5	100	11754	81						
Identified disability (PET/IEP)	0	0	C	0	367	3	0	0	0	0	365	3						
LEP	0	0	C	0	168	1	0	0	0	0	169	1						
504 plan	0	0	C	0	183	2	0	0	0	0	187	2						
Participation with accommodations	0	0	C	0	2367	16	0	0	0	0	2366	16						
Identified disability (PET/IEP)	0	0	C	0	1819	77	0	0	0	0	1824	77						
LEP	0	0	C	0	143	6	0	0	0	0	154	7						
504 plan	0	0	C	0	84	4	0	0	0	0	80	3						
Other	0	0	C	0	358	15	0	0	0	0	346	15						
Participation through alternate assessment (PAAP)	0	0	C	0	205	1	0	0	0	0	202	1						
Identified disability (PET/IEP)	0	0	C	0	205	100	0	0	0	0	202	100						
LEP	0	0	C	0	5	2	0	0	0	0	5	2						
504 plan	0	0	C	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	C	0	2	0												
Approved non-participation – special consideration	0	0	C	0	33	0	0	0	0	0	32	0						
Non-participation – other	1	14	C	0	97	1	1	14	0	0	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.



ELA-READING RESULTS

Test Date: March 2009

Grade:

SAU: Otis School Department

School: Beech Hill School

STUDENTS AT EACH ACHIEVEMENT LEVEL

ACHIEVEMENT LEVEL DEFINITIONS		Sch	ool	SA	\U	Sta	te
The quality of a student's work at each achievement level reflects progress in attaining Maine <i>Results: Parameters for Essential Instruction</i> in English language arts – reading.	's Learning	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007 2007-2008 2008-2009 Cum. Total*	2 3 2 7	17 33 33 26	1 2	20 40	2630 2604 2618 7852	18 18 19 18
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007 2007-2008 2008-2009 Cum. Total*	7 5 4 16	58 56 67 59	3 3	60 60	7605 8049 8484 24138	51 55 60 56
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007 2007-2008 2008-2009 Cum. Total*	2 1 0 3	17 11 0 11	1 0	20 0	3000 2672 2108 7780	20 18 15 18
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007 2007-2008 2008-2009 Cum. Total*	1 0 0 1	8 0 0 4	0 0	0 0	1620 1190 899 3709	11 8 6 9

		nber	A	verage Poir	nts Attaine	d (Number	and Percer	nt)
Learning Results Content Standards		oints sible	Sch	ool	SA	AU	Sta	ate
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	39.3	70.2	41.0	73.2	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.2	66.0	13.8	69.0	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	26.2	72.8	27.2	75.6	22.6	62.8

The MEA assesses students' reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009

Grade:

Otis School Department Beech Hill School SAU:

School:

					Scł	nool							SA	UA					Sta	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	6	2	33	4	67	0	0	0	0	759	5	40	60	0	0	762	14109	19	60	15	6	751
Ethnicity African American/Black American Indian or Native Alaskan Asian or Pacific Islander Hispanic Caucasian/White Not Reported	0 0 0 0 6	2	33	4	67	0	0	0	0	759	0 0 0 0 5	40	60	0	0	762	409 117 253 142 13188 0	11 12 24 14 19	49 53 59 56 61	22 19 11 17 15	18 16 6 13 6	744 746 753 747 751
Identified disability Yes No	0	2	33	4	67	0	0	0	0	759	0 5	40	60	0	0	762	2186 11923	2 22	36 65	35 11	27 3	737 754
Current LEP Yes No	0 6	2	33	4	67	0	0	0	0	759	0 5	40	60	0	0	762	311 13798	4 19	41 61	29 15	26 6	739 751
Economically disadvantaged Yes No	3 3										2						5300 8809	8 25	58 61	22 10	11 4	746 754
Migrant Yes No	0 6	2	33	4	67	0	0	0	0	759	0 5	40	60	0	0	762	8 14101	13 19	50 60	38 15	0 6	747 751
Gender Female Male Not Reported	2 4 0										2 3 0						6993 7116 0	24 14	61 60	11 18	4 8	754 749
Title 1A targeted program Yes No	0	2	33	4	67	0	0	0	0	759	0 5	40	60	0	0	762	1025 13084	10 19	53 61	27 14	11 6	745 752
Gifted/talented program Yes No	0	2	33	4	67	0	0	0	0	759	0 5	40	60	0	0	762	676 13433	66 16	33 61	1 16	0 7	766 750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.



ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

Otis School Department Beech Hill School SAU:

School:

				Sch	ool							SA	U					Sta	te		
in Each		E	ı	М		P	ı	D	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score	in Each	E	М	Р	D	Mean Scaled Score
%	N	%	N	%	N	%	N	%	Jeore	%	%	%	%	%	Jeore	%	%	%	%	%	
0 67 33 0	1 1	25 50	3	75 50	0	0 0	0	0 0	756 765	0 60 40 0	33 50	67 50	0	0 0	759 765	7 52 37 4	8 17 23 19	48 62 61 53	25 15 12 18	19 6 4 10	743 751 753 750
0 67 33 0	2 0	50 0	2 2	50 100	0	0 0	0 0	0 0	762 753	0 60 40 0	67 0	33 100	0 0	0 0	767 753	30 49 19 3	33 16 5 3	56 64 59 45	7 14 26 32	4 5 10 21	756 751 745 740
67 33 0 0	1 1	25 50	3	75 50	0	0 0	0	0 0	755 768	60 40 0	33 50	67 50	0	0 0	757 768	33 52 11 3	24 18 11 6	62 62 54 38	10 15 23 29	3 5 13 27	754 751 746 739
17 67 17	0 2 0	0 50 0	1 2 1	100 50 100	0 0 0	0 0 0	0 0 0	0 0 0	750 765 746	20 80 0	0 50	100 50	0	0 0	750 765	17 65 17	16 19 22	55 62 60	18 14 13	12 5 5	748 752 752
0 20 80	0	0 25	1 3	100 75	0 0	0	0 0	0	750 756	0 25 75	0 33	100 67	0	0 0	750 759	9 54 38	4 14 28	44 63 60	27 17 9	24 5 3	740 750 756
67 33 0	2 0	50 0	2 2	50 100	0	0 0	0 0	0	761 756	60 40 0	67 0	33 100	0	0 0	765 756	44 51 5	19 19 9	60 62 51	15 13 26	6 5 15	751 752 744
17 50 17 17	1 1 0 0	100 33 0 0	0 2 1	0 67 100 100	0 0 0 0	0 0 0	0 0 0 0	0 0 0	780 754 756 756	20 40 20 20	100 50 0	0 50 100 100	0 0 0	0 0 0 0	780 758 756 756	21 45 13 21	27 22 13 7	57 62 61 59	11 12 17 24	5 4 8 11	755 753 749 746
0 0 0 0										0 0 0 0											
	in Each Category % 0 67 33 0 0 67 33 0 0 67 33 0 17 67 17 0 20 80 67 33 0 17 17 0 0 0 17 17 0 0 0 0 0 0	Category % N 0 67 1 33 1 0 0 67 2 33 0 0 67 2 33 1 0 0 17 0 67 2 17 0 0 20 0 80 1 67 2 33 0 0 17 1 0 0 0 17 0 0 0 17 0 0 0 0 17 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	in Each Category N	in Each Category N N N N	Students in Each Category E M % N % N % 0 67 1 25 3 75 33 1 50 1 50 0 67 2 50 2 50 33 0 0 2 100 67 1 25 3 75 33 1 50 1 50 17 0 0 1 100 67 2 50 2 50 17 0 0 1 100 0 0 1 100 0 80 1 25 3 75 67 2 50 2 50 33 0 0 2 100 0 1 100 0 0 80 1 25 3 75 67 <t< td=""><td>in Each Category N</td><td> Students in Each Category R</td><td> Students in Each Category N</td><td> Students in Each Category</td><td> Students in Each Category </td><td> Students E</td><td> Students Face Fac</td><td> Students F N N N N N N N N N</td><td> Students Face Fac</td><td> Students Fact Fac</td><td> Students In Each Category Students Students In Each Category Students Students Students Students Students In Each Students Student</td><td> Students In Each Category E</td><td> Students In Each Category Students In Each Categor</td><td> Students In Each Category E</td><td> Students in Each E</td><td> Students In Each E</td></t<>	in Each Category N	Students in Each Category R	Students in Each Category N	Students in Each Category	Students in Each Category	Students E	Students Face Fac	Students F N N N N N N N N N	Students Face Fac	Students Fact Fac	Students In Each Category Students Students In Each Category Students Students Students Students Students In Each Students Student	Students In Each Category E	Students In Each Category Students In Each Categor	Students In Each Category E	Students in Each E	Students In Each E

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number



MATHEMATICS RESULTS

Test Date: March 2009

Grade:

SAU: Otis School Department

School: Beech Hill School

STUDENTS AT EACH ACHIEVEMENT LEVEL

ACHIEVEMENT LEVEL DEFINITIONS		Sch	ool	SA	NU	Sta	te
The quality of a student's work at each achievement level reflects progress in attaining Maine's Results: Parameters for Essential Instruction in mathematics.	s Learning	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007 2007-2008 2008-2009 Cum. Total*	3 3 0 6	25 33 0 22	1 0	20 0	2142 2028 2220 6390	14 14 16 15
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (Scaled Score 742–760)	2006-2007 2007-2008 2008-2009 Cum. Total*	5 5 3 13	42 56 50 48	3 3	60 60	5642 5703 5879 17224	38 39 42 40
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007 2007-2008 2008-2009 Cum. Total*	3 1 3 7	25 11 50 26	1 2	20 40	4077 3733 3537 11347	27 26 25 26
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007 2007-2008 2008-2009 Cum. Total*	1 0 0 1	8 0 0 4	0 0	0 0	3001 3054 2484 8539	20 21 18 20

	Nun	nber	Avera	age Point	s Attaine	d (Numbe	r and Pe	rcent)
Learning Results Content Standards		oints sible	Sch	ool	SA	AU	Sta	ate
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	30.8	55.0	32.2	57.5	29.9	53.4
A. Number	14	25	8.2	58.6	8.4	60.0	7.7	55.0
B. Data	16	29	8.3	51.9	8.8	55.0	8.1	50.6
C. Geometry	12	21	7.0	58.3	7.2	60.0	6.9	57.5
D. Algebra	14	25	7.3	52.1	7.8	55.7	7.3	52.1

The MEA assesses students' mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index. html.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009

Grade:

Otis School Department Beech Hill School SAU:

School:

					Sch	nool							SA	AU UA					Sta	ate		
REPORTING CATEGORIES	Tested		E		M		P	l 	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%	Score	N	%	%	%	%	Jeore
All Students	6	0	0	3	50	3	50	0	0	747	5	0	60	40	0	748	14120	16	42	25	18	745
Ethnicity African American/Black American Indian or Native Alaskan Asian or Pacific Islander Hispanic Caucasian/White Not Reported	0 0 0 0 6	0	0	3	50	3	50	0	0	747	0 0 0 0 5	0	60	40	0	748	416 119 258 142 13185 0	5 8 25 8 16	26 30 43 39 42	28 31 19 23 25	41 30 13 30 17	733 737 750 739 745
Identified disability Yes No	0	0	0	3	50	3	50	0	0	747	0 5	0	60	40	0	748	2189 11931	2 18	17 46	27 25	53 11	728 748
Current LEP Yes No	0 6	0	0	3	50	3	50	0	0	747	0 5	0	60	40	0	748	323 13797	4 16	20 42	28 25	48 17	729 745
Economically disadvantaged Yes No	3										2						5308 8812	7 21	35 46	30 22	28 11	738 749
Migrant Yes No	0	0	0	3	50	3	50	0	0	747	0 5	0	60	40	0	748	8 14112	0 16	50 42	38 25	13 18	742 745
Gender Female Male Not Reported	2 4 0										2 3 0						6992 7128 0	16 15	43 41	25 25	16 19	745 744
Title 1A targeted program Yes No	0	0	0	3	50	3	50	0	0	747	0 5	0	60	40	0	748	1024 13096	7 16	26 43	36 24	31 17	736 745
Gifted/talented program Yes No	0 6	0	0	3	50	3	50	0	0	747	0 5	0	60	40	0	748	676 13444	68 13	29 42	2 26	0 18	767 744

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.



MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

Otis School Department Beech Hill School SAU:

School:

a a	140		• • • • • • • • • • • • • • • • • • • •				,															
					Sch	ool							SA	U					Sta	te		
QUESTIONNAIRE ITEMS	Students in Each Category		E	ľ	М		P	ı	D	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 67 33 0	0	0 0	1 2	25 100	3 0	75 0	0	0 0	744 752	0 60 40 0	0	33 100	67 0	0 0	746 752	7 52 37 4	6 16 18 15	30 42 44 38	28 25 24 24	36 17 14 22	735 745 747 743
Which of the following best describes how you rate yourself as a student in mathematics? A. very good	0										0						26	35	43	12	9	754
B. good C. fair D. poor	50 50 0	0	0	1 2	33 67	1	67 33	0	0	743 751	40 60 0	0	50 67	50 33	0	745 751	46 23 5	13 3 1	48 32 22	25 37 37	15 27 40	745 737 731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics	33	0	0	1	50	1	50	0	0	745	20	0	100	0	0	752	26	23	43	20	13	749
class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	33 33 0	0	0 0	1 1	50 50	1	50 50	0	0 0	750 745	40 40 0	0 0	50 50	50 50	0 0	750 745	53 17 4	15 9 7	45 35 21	26 32 22	15 24 51	746 740 730
How difficult was the mathematics part of this test? A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	50 50 0	0	0	2	67 33	1 2	33 67	0	0 0	750 743	60 40 0	0	67 50	33 50	0 0	750 746	37 51 12	8 16 41	40 44 35	29 25 13	23 15 11	740 746 755
How hard did you try on the mathematics part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	33 67 0	0	0	0 3	0 75	2	100 25	0	0 0	739 751	20 80 0	0	0 75	100 25	0 0	740 751	48 47 5	14 18 14	42 43 27	27 23 25	17 16 34	744 746 738
On average, how many minutes a day do you spend working on mathematics in class? A. less than 30 minutes B. 30–45 minutes C. 45–60 minutes D. more than 60 minutes	0 0 50 50	0 0	0 0	2 1	67 33	1 2	33 67	0 0	0	751 743	0 0 60 40	0	67 50	33 50	0	751 745	8 38 42 12	8 13 20 16	30 40 45 42	29 27 23 25	33 20 12 17	737 743 748 745
How often do you use calculators in mathematics class? A. almost every day B. two or three days a week C. two or three times a month D. never or almost never	0 0 17 83	0	0	0 3	0 60	1 2	100 40	0 0	0	740 748	0 0 20 80	0	0 75	100 25	0	740 751	15 31 26 28	19 18 17 11	38 42 43 42	25 24 24 27	19 16 17 19	745 746 746 743
How often do you use laptops in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	0 0 0 100	0	0	3	50	3	50	0	0	747	0 0 0 100	0	60	40	0	748	10 22 33 35	12 13 18 16	39 43 44 40	24 26 25 25	24 18 13 19	741 744 747 744
Optional school/SAU question A. B. C. D.	0 0 0 0					Š					0 0 0 0	-										

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number